

January 4, 2012

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th St. SW
Washington, DC 20554

Re: LightSquared Subsidiary, LLC
Ex Parte Communication. IB Docket No. 11-109
IBSF File No. SAT-MOD-20101118-00239

To whom it may concern,

I am writing as a very concerned user of high precision GPS equipment. As a professional surveyor in the transportation engineering industry, GPS is a vital part of everything I do. I never would have expected a possible disruption in GPS availability to be allowed to go so far as this issue has gone. I agree that the idea of a nationwide wireless broadband network is an exciting prospect, one that I would love to see developed, but not at the cost of losing one of our nation's most important technological resources.

LightSquared's claim that the number of GPS systems affected will be too small for the FCC to be concerned about is both ignorant and hypocritical. The high precision GPS units in use today are relied upon heavily to ensure that bridges, roads, buildings and other public and private infrastructure endeavors are constructed safely and correctly. Even LightSquared itself will no doubt employ surveyors using GPS equipment to accurately lay out the foundations for the very broadcasting towers that, once activated, will render the GPS equipment useless. All of the efforts of the National Oceanic and Atmospheric Administration (NOAA), the National Geodetic Survey (NGS), thousands of state and local government agencies and countless private sector consultants, engineers and surveyors will be set back 30 years if high precision GPS is allowed to be destroyed.

LightSquared seems intent on moving forward with their plans unabated. They cannot be allowed to ignore the recent independent test results which clearly demonstrate the interference their systems will have on high precision GPS. The FCC is now our last, best hope to avert a technological disaster. I beg you to slow LightSquared's progress in its quest to destroy our nations GPS resources, until such a time that a solution is found and not even one GPS receiver is affected. The FCC has a responsibility to protect our nation's communications and wireless resources, and I know this is what you will do now by halting LightSquared's advance over GPS.

Thank you sincerely for your time,


Brian P. Bingham

Ohio Registered Professional Surveyor No. 8438